

**ABSTRACT OF THE DISCLOSURE**

A motor vehicle has at least one radiator which, on an input side, has a first air guiding duct with a cooling-air inlet opening and, on an output side, has a second air guiding duct with a cooling-air outlet opening. In order to be able to reduce the mounting expenditures and the fastening devices in the case of a radiator arrangement, it is provided that the at least one radiator is accommodated by a supporting frame fastened to the adjoining body, and in that an air guiding element is constructed in one piece with the supporting frame, which air guiding element, together with the radiator, forms at least one of the two air guiding ducts.